

Drain: ROSS & MAHALA **Drain #:** 228
Improvement/Arm: MAHALA ROSS
Operator: J. LIVINGSTON **Date:** 6-2-04
Drain Classification: Urban ~~(Rural)~~ **Year Installed:** 1880

GIS Drain Input Checklist

- Pull Source Documents for Scanning JWJ
- Digitize & Attribute Tile Drains _____
- Digitize & Attribute Storm Drains _____
- Digitize & Attribute SSD _____
- Digitize & Attribute Open Ditch JWJ
- Stamp Plans _____
- Sum drain lengths & Validate JWJ
- Enter Improvements into Posse _____
- Enter Drain Age into Posse JWJ
- Sum drain length for Watershed in Posse JWJ
- Check Database entries for errors JWJ

State of Indiana Hamilton County
 Report of Survey of The Mahala Ross Ditch.

Survey is made of the following described ditch preliminary to making application for the construction of the same under an act of the General Assembly approved March 13 1879 and entitled "An act to enable the owners of wet lands to drain and reclaim them when the same cannot be done without affecting the lands of others" &c.

The following is a description of said proposed ditch:

Beginning at a stake marked 0 31 rods South and 24 rods East of the North West corner of Section 25 Township 20 North Range 3 East running thence

from Section Stake 0	to Section Stake 4	South
"	"	" 4 " " " 8 West
"	"	" 8 " " " 16 N 74 1/2 W
"	"	" 16 " " " 19.90 N 45 W
"	"	" 19.90 " " " 24.30 North
"	"	" 24.30 " " " 35.80 N 30 W
"	"	" 35.80 " " " 39.90 N 22 W
"	"	" 39.90 " " " 47.40 N 42 W
"	"	" 47.40 " " " 52.30 S 80 1/2 W
"	"	" 52.30 " " " 56.50 N 75 W
"	"	" 56.50 " " " 59.00 N 5 1/2 W
"	"	" 59.00 " " " 62.00 North
"	"	" 62.00 " " " 63.00 N 45 W

and terminates at a stake marked 63, 25 rods West and 2 rods South of the North West corner of the South East quarter of section 23 Township 20 North Range 3 East.

The following is the estimated depth of cut at each Section stake, the number of cubic yards of earth to be removed from each section, the cost per cubic yard of removing the same, the cost per section and the whole number of cubic yards to be removed and the total cost,

Number of sections	Depth of cut	Number of cubic yards	Cost per cubic yard	Section	Cost per section	No. of sections	Depth of cut	Number of cubic yards	Cost per cubic yard	Section	Cost per section
0	4.5 1.5					17	4.8	83	100¢		\$8.30
1	4.7	51	100¢		\$5.10	18	4.8	43	"		4.30
2	5.2	54	"		5.40	19	4.3	40	"		4.00
3	5.3	62	"		6.20	20	3.9 2.0	40	"		4.00
4	6.6	70	"		7.00	21	4.8	40	"		4.00
5	6.4	86	"		8.60	22	4.8	41	"		4.10
6	6.0	84	"		8.40	23	5.7	44	"		4.40
7	5.3 2.4	80	"		8.00	24	4.3	43	"		4.30
8	5.4	78	"		7.80	25	4.9	41	"		4.10
9	5.8	80	"		8.00	26	5.4	44	"		4.40
10	6.2	83	"		8.30	27	4.7	43	"		4.30
11	5.8	85	"		8.50	28	6.1	45	"		4.50
12	5.8	78	"		7.80	29	6.4	50	"		5.00
13	5.8 1.9	78	"		7.80	30	7.1 2.4	55	"		5.50
14	5.2	72	"		7.20	31	4.8	50	"		5.00
15	4.8	63	"		6.30	32	5.7	48	"		4.80
16	3.7	55	"		5.50	33	5.3	46	"		4.60

34	519	52	100ft	\$520	49	516	137	125ft	\$17 12 1/2
35	64	55	"	550	50	44	111	"	13 87 1/2
36	57	55	"	550	51	48	95	"	11 87 1/2
37	47	54	"	540	52	49	105	"	13 12 1/2
38	61	56	"	560	53	45	99	"	12 37 1/2
39	510 2.9	57	"	570	54	47	95	"	11 87 1/2
40	572	54	"	540	55	43	92	"	11 50
41	517	56	"	560	56	43	84	"	10 50
42	47	55	"	550	57	38	75	"	9 37 1/2
43	61	56	"	560	58	40	71	"	8 87 1/2
44	55	58	"	580	59	38	71	"	8 87 1/2
45	514 2.9	56	"	560	60	31	64	"	8 00
46	52	500	"	10.00	61	213	44	"	5 50
47	49	111	"	1110	62	0.0	22	"	2 75
48	517	1220	"	1220	63	2.5 0.0	20	"	2 50
					4137		\$443 32		

63.00
47.00
16.00

Total number of cubic yards of earth to be removed is 4137 and the total cost of removing the same is \$443.32

The proposed ditch is 63 sections in length and sections are 100 ft in length.

The foregoing estimate is made on the basis that said ditch when completed shall be one foot wide in the bottom and the side slopes at an angle of 45 degrees.

The fall per section will be $\frac{15}{100}$ of one foot from section stake 0 to section stake 43 and from section stake 43 to section stake 63.

The fall per section will be $\frac{20}{100}$ of one foot,

The following lands are liable to be affected by
 the construction of said proposed ditch, to wit,
 $NW\frac{1}{4} NW\frac{1}{4} N\frac{1}{2} SW\frac{1}{4} NW\frac{1}{4}$ Sec 25 T₂₀ N₃ E₃ 80 acres owned by Mahala Ross
 $E\frac{1}{2} NE\frac{1}{4}$ Sec 26 T₂₀ N₃ E₃ 80 acres owned by
 Samuel Burton.

$W\frac{1}{2} SW\frac{1}{4}$ Section 24 Township 20 North Range 3 East
 80 acres owned by Michael Myers.

$E\frac{1}{2} SW\frac{1}{4}$ Sec 24 T₂₀ N₃ E₃ 80 acres owned
 by Saben Haughey.

PT $E\frac{1}{2} NW\frac{1}{4}$ Sec 25 T₂₀ N₃ E₃ described as
 follows beginning at the North West corner of said East $\frac{1}{2}$ of
 said $NW\frac{1}{4}$ running thence East 22 rods thence South 180 rods
 thence West 22 rods thence North 180 rods to the place
 of beginning containing 22 acres owned by Mary E. Dunn
 and Levi Dunn.

PT $W\frac{1}{2} NE\frac{1}{4}$ Sec 26 T₂₀ N₃ E₃ described
 as follows, beginning at the South West corner of said $W\frac{1}{2}$
 $NE\frac{1}{4}$ running thence North 50 rods, thence East 80 rods
 thence South 50 rods, thence West 80 rods to the place
 of beginning containing 25 acres owned by Daniel Flare.

PT $W\frac{1}{2} NE\frac{1}{4}$ Sec 26 T₂₀ N₃ E₃ described
 as follows, beginning at the North West corner of
 said $W\frac{1}{2}$ of said $NE\frac{1}{4}$ running thence East 80 rods
 thence South 110 rods thence West 80 rods thence
 North 110 rods to the place of beginning 55 acres
 owned by Eli Ross.

$E\frac{1}{2} E\frac{1}{2} NW\frac{1}{4}$ Sec 24 T₂₀ North Range 3 East
 40 acres owned by John Mann
 $SE\frac{1}{4} SE\frac{1}{4}$ Sec 23 T₂₀ North Range 3 East
 40 acres owned by Levi Burris
 $NE\frac{1}{4} SE\frac{1}{4}$ Sec 23 T₂₀ North Range 3 East
 40 acres owned by George Wilson Beam
 $W\frac{1}{2} SE\frac{1}{4} + E\frac{1}{2} SW\frac{1}{4}$ Sec 23 T₂₀ North
 Range 3 East 160 acres owned by Perry McMurtry
 $NW\frac{1}{4} SW\frac{1}{4}$ Sec 25 T₂₀ North Range 3 East
 40 acres owned by M. S. Dunn
 $SW\frac{1}{4} SW\frac{1}{4}$ Sec 25 T₂₀ North Range 3 East
 40 acres owned by William Pickett
 $SE\frac{1}{4} SE\frac{1}{4}$ Sec 26 T₂₀ North Range 3 East
 40 acres owned by Asa McLaughlin
 $NE\frac{1}{4} SE\frac{1}{4}$ Sec 28 T₂₀ North Range 3 East and
 $W\frac{1}{2} SE\frac{1}{4}$ Sec 28 T₂₀ North Range 3 East and
 $E\frac{1}{2} SW\frac{1}{4}$ Sec 28 T₂₀ North Range 3 East 200 acres
 owned by Ambrose Peters
 $W\frac{1}{2} NW\frac{1}{4}$ Sec 38 T₂₀ North Range 3 East
 and $E\frac{1}{2} NE\frac{1}{4}$ Sec 35 T₂₀ North Range 3 East
 160 acres belonging to Thomas Greathouse Est.
 $W\frac{1}{2} NE\frac{1}{4}$ Sec 35 T₂₀ North Range 3 East
 80 acres owned by M. Drake

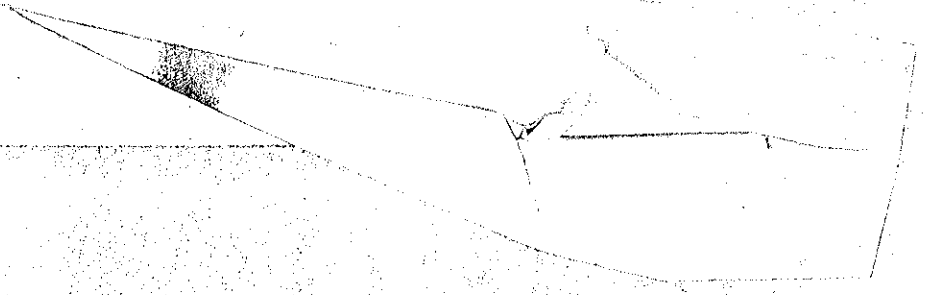
Surveyors Fees for Survey & Making report	\$7.00
Levi Dunn & da Shuman	1.25
Wilson Beam & da Shuman	1.25
Eli Ross & da Shuman	1.25
Monroe Bennett & da Rodman &c	1.87 1/2

I James Sanders being duly
 affirmed state upon my affirmation
 that the foregoing is in all respects
 a true estimate to the best of ~~the~~ my
 judgment and belief and that said ditch
 as proposed and by me surveyed will
 when completed be of sufficient capacity
 to carry all the water that will annually
 flow along said runs including the
 system of drains connected therewith.

James Sanders, Engineer

Subscribed ^{and} affirmed to this the
 25th day of Oct^r 1880.

A. W. Munnings
 Notary Public



Ditch, by *N. L. Findley,*

County Surveyor,

1906

ORIGINAL SPECIFICATIONS.

DESCRIPTION OF THE MANNER IN WHICH THE WORK SHALL BE DONE.

Requirements: *

Said Ditch to be cleaned out from Station 4+50 to Station 64 or terminus, by removing all the dirt, mud, slush and etc. that is in it, to the width and depth indicated in the profile here with attached, with side slopes 1 to 1 or 45° slope, all dirt, mud, and etc. removed to be deposited not nearer than two (2) feet from break of bank.

All bushes, briars, and weeds to be cut and removed from the slopes and banks, a distance of five (5) feet from each side of the ditch.

The ditch to be one (1) foot wide in the bottom from Station 4+50 to Station 64 or terminus.

All work to be done in a first class workman like manner, and to the full satisfaction of the County Surveyor.

Notices of Sale; posted as follows Oct 9-1906.

One NE corner NW¹/₂ NW¹/₄ Sec-25. Tp. 20-R. 3.

" SE. " SW¹/₄ " - 23 " 20 " 3

" NW. " SE. " - 23 " 20 " 3.

One at Court House Door.

Notices of Assessment; posted as follows Nov-3-1906.

One NE corner NW¹/₂ NW¹/₄ Sec-25-Tp. 20 R. 3.

" SE. " SW¹/₄ " - 23 " 20 " 3

" NW. " SE. " - 23 " 20 " 3.

One at Court House Door.

I hereby certify that the above ditch has been completed according to plans and specifications, accepted by me, and the Assessments, certified to the County Auditor.

Ditch, by

County Surveyor,

1909

ORIGINAL SPECIFICATIONS.			DESCRIPTION OF THE MANNER IN WHICH THE WORK SHALL BE DONE.
Width at Top.	Depth of Cut.	Width at Bottom.	
			<p>Ditch has been tiled to stake 18+70, from ⁴⁺⁵⁰ 11+90 by V Honnold, Eli Ross, Frank Munn & John Tester</p>